



Docket No. 56383 (70301)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: SONNENBERG, et al.

SERIAL NO. 09/937,107

GROUP: 1765

FILED: September 19, 2001

EXAMINER: M. Song

FOR: DEVICE FOR PRODUCING MONOCRYSTALS

Commissioner for Patents
Washington, D.C. 20231

Sir:

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on March 3rd, 2003.

Denise A. Rose
DENISE A. ROSE

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 C.F.R. §§1.97 and 1.98, applicants hereby submit a Supplemental Information Disclosure Statement for consideration by the Examiner.

I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION

The patents, publications or other information submitted for consideration by the Office are listed on PTO-1449, attached hereto.

II. COPIES

- a. X Submitted herewith is a legible copy of (i) each U.S and foreign patent; (ii) each publication or that portion which caused it to be listed; and (iii) all other information or that portion which caused it to be listed.

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III. CONCISE EXPLANATION OF THE RELEVANCE

(check at least one box)

- a. ☒ Except as may be indicated below in (b), all of the patents, publications or other information are in the English language or were cited in an English language Search Report, a copy of which is attached hereto (concise explanation not required).
- b. ☒ A concise explanation of the relevance of all patents, publications or other information listed that is not in the English language is as follows:

DE 32 20 285 A1 (Reference BA, cited in 1449 on September 18, 2001) discloses a method for producing a crystalline Silicon ingot from a melt in a crucible using a floor heater and a cover heater, whereby the floor heater is controlled to shift the solidification front towards the cover heater in a direction perpendicular to the main axis of the ingot.

· **DE 3839970** and **US 4,423,516** are given in the description of the present application. These documents disclose multiple zone furnaces. Therefore the subject-matter forms part of the technological background but is judged to be on no relevance for the examination of the application.

· **DE 33 23 896** and **JP 102 03 891 A** (abstract) were given in the International Search Report and judged to be just technological background.

- c. ☐ The following additional information is provided for the Examiner's consideration:

FEES

IV. THIS IDS IS BEING FILED UNDER 37 C.F.R. § 1.97(b)

(check one box)

- a. ☐ within three months of the filing date of a national application (37 C.F.R. § 1.97(b) (1)). No fee or certification is required.
- b. ☐ within three months of the date of entry of the national stage as set forth in §1.491 in an international application (37 C.F.R. § 1.97(b) (2)). No fee or certification is required.
- c. ☐ before the mailing date of a first Action on the merits (37 C.F.R. § 1.97(b) (3)). No fee or certification is required. In the event that a first Office Action on the merits has been issued, please consider this IDS under 37 C.F.R. § 1.97(c) and see the certification under 37 C.F.R. § 1.97(e)below, or, if no certification has been made, charge our deposit

account a fee in the amount of \$240.00 as required by 37 C.F.R. § 1.17(p).

V. THIS IDS IS BEING FILED UNDER 37 C.F.R. § 1.97(c):
(check one box)

X before the mailing date of a Final Office Action under 37 C.F.R. § 1.113 (See 37 C.F.R. § 1.97(c) (1)) or before the mailing date of a Notice of Allowance under 37 C.F.R. § 1.311 (See 37 C.F.R. § 1.97(c) (2)).

a. X No certification; therefore, a fee in the amount of \$180.00 is required by 37 C.F.R. § 1.17(p).

or

b. _____ See the certification below. No fee is required.

VI. CERTIFICATION UNDER 37 C.F.R. § 1.97(e)
(check only one box)

The undersigned hereby certified that

a. _____ each item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS; or

b. _____ no item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application or, to the best of my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement.

c. _____ Some of the items of information were cited in a communication from a foreign Patent Office. As to this information, the undersigned certifies that each item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS. As to the remaining information, the undersigned hereby certifies that no item of this remaining information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application or, to the best of my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement.

VII. THIS IDS IS BEING FILED UNDER 37 C.F.R. § 1.97(d)

_____ after the mailing date of a Final Rejection or Notice of Allowance but before the payment of the Issue Fee, and the requisite Certification, petition, and petition fee are included herein.

a. ___ after the mailing date of a Final Office Action under 37 C.F.R. §1.113

b. ___ certificate above

c. ___ a fee in the amount of \$180.00 is required by 37 CFR §1.17(p)

d. ___ applicant hereby petitions that this Information Disclosure Statement is considered in accordance with 37 C.F.R. §1.97(d).

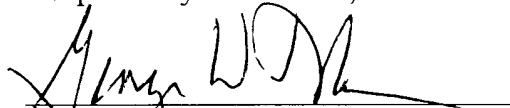
☒ Enclosed is a check in the amount of \$180.00 for the above-indicated fee. Should any further fee be associated with the submission of this Information Disclosure Statement, the Commissioner is authorized to charge our Deposit Account No. 04-1105.

___ No fee is required.

If the Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule (with a petition, if necessary) and charge the appropriate fee to Deposit Account No. 04-1105.

Date: 3 March '13

Respectfully submitted,



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